

AMENDMENTS TO THE SPECIFICATION

Page 4, please rewrite 0013 as follows:

[0013] Fig. 1 shows a polarization recovery system;

Fig. 2 shows a schematic diagram of a polarization recovery system according to an embodiment of the invention;

Fig. 3A and 3B show a polarization recovery apparatus for use with an embodiment of the invention;

Fig. 4A and 4B show a polarization recovery apparatus for use with an embodiment of the invention;

Fig. 5 shows a polarization recovery apparatus for use with an embodiment of the invention;

Fig. 6A–6C show straight and tapered light pipes for use with an embodiment of the invention;

Fig. 7A-7H show various cross-sections of light pipes for use with an embodiment of the invention;

Fig. 8A-8E show various configurations of light pipes for use with an embodiment of the invention; ~~and~~

Fig. 9 shows a polarization recovery apparatus for use with an embodiment of the invention[.]; and

Figs. 10A-C show various input and output surfaces of light pipes for use with an embodiment of the invention.

Page 11, please rewrite paragraph 0035 as follows:

[0035] In one embodiment, an input light pipe 224 may be placed proximate to an input 226 of polarizing beam splitter 202. In one embodiment, input light pipe 224 may have an input surface 228 and an output surface 230. In several embodiments, input light pipe 224 may be made of quartz, glass, plastic, or acrylic. In several embodiments, input light pipe 224 may be a tapered light pipe (TLP) or a straight light pipe (SLP). In several embodiments, a shape of input surface 228 may be flat, convex, concave, toroidal, or spherical, as shown in Figs. 10A-10C. A surface of input light pipe 224 may be coated such that the total internal reflection preserves the

polarization. The dimensions of input surface 228 and output surface 230 may be selected such that the output numerical aperture (NA) is matched to a device receiving light from input light pipe 224.

Page 11, please rewrite paragraph 0036 as follows:

[0036] In one embodiment, output surface 230 may be disposed proximate to input 226 of polarizing beam splitter 202. In several embodiments, a shape of output surface 230 may be flat, convex, concave, toroidal, or spherical, as shown in Figs. 10A-10C. In one embodiment, input light pipe 224 may receive substantially un-polarized light at input surface 228 and transmit un-polarized light at output surface 230 to polarizing beam splitter 202.

Page 12, please rewrite paragraph 0039 as follows:

[0039] In several embodiments, a shape of input surface 236 may be flat, convex, concave, toroidal, or spherical, as shown in Figs. 10A-10C. In several embodiments, a shape of output surface 238 may be flat, convex, concave, toroidal, or spherical, as shown in Figs. 10A-10C. In several embodiments, output light pipe 232 may be comprised of a material selected from group consisting of quartz, glass, plastic, or acrylic. In several embodiments, output light pipe 232 may be a tapered light pipe (TLP) or a straight light pipe (SLP). A surface of output light pipe 232 may be coated such that the total internal reflection preserves the polarization. The dimensions of input surface 236 and output surface 238 may be selected such that the output numerical aperture (NA) is matched to a device receiving light from output light pipe 232.